

Message

From: Rossi, Debra [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F1AA8EE0AD5E41C5B1D296767097F89E-DROSSI]
Sent: 11/15/2018 3:16:48 PM
To: Miller, Theresa [theresa_miller@golder.com]
CC: susanna@trustsc.com
Subject: RE: Army Creek Landfill - modified Method 537 for PFAS analysis

Great. Thank you, Theresa!

Debbie

Debra Rossi
Remedial Project Manager
DE, VA, WV Remedial Branch (3HS23)
EPA Region 3
1650 Arch Street
Philadelphia, PA 19103
(215) 814-3228
rossi.debra@epa.gov

From: Miller, Theresa <theresa_miller@golder.com>
Sent: Thursday, November 15, 2018 10:00 AM
To: Rossi, Debra <Rossi.Debra@epa.gov>
Cc: susanna@trustsc.com
Subject: RE: Army Creek Landfill - modified Method 537 for PFAS analysis

Hi Debbie,

Update from Eurofins – they should have the data to us by Wednesday, November 21st.

Thanks, Theresa

Theresa A. Miller, PG, LSP | Golder Associates Inc.

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From: Rossi, Debra <Rossi.Debra@epa.gov>
Sent: Wednesday, November 14, 2018 9:03 AM
To: Miller, Theresa <theresa_miller@golder.com>
Cc: susanna@trustsc.com
Subject: RE: Army Creek Landfill - modified Method 537 for PFAS analysis

Thank you, Theresa. I appreciate the update.

Have a nice day.

Debbie

Debra Rossi
Remedial Project Manager
DE, VA, WV Remedial Branch (3HS23)
EPA Region 3
1650 Arch Street
Philadelphia, PA 19103
(215) 814-3228
rossi.debra@epa.gov

From: Miller, Theresa <theresa_miller@golder.com>
Sent: Wednesday, November 14, 2018 8:44 AM
To: Rossi, Debra <Rossi.Debra@epa.gov>
Cc: susanna@trustsc.com
Subject: RE: Army Creek Landfill - modified Method 537 for PFAS analysis

Hi Debbie,

I will check with Eurofins again. When I checked with our project manager there on 11/7/2018, this was her response: "The EPA is asking for a lot of data this time, along the lines of a full validation data package. This is taking a while to pull the data and create. I'll have a better view of a timeline next week. We won't have it by end of week this week, possibly by the end of next week."

I will follow up and let you know.

Thanks!
Theresa

Theresa A. Miller, PG, LSP | Golder Associates Inc.

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From: Rossi, Debra <Rossi.Debra@epa.gov>
Sent: Wednesday, November 14, 2018 8:02 AM
To: Miller, Theresa <theresa_miller@golder.com>
Subject: FW: Army Creek Landfill - modified Method 537 for PFAS analysis

Good morning, Theresa. Do you have an idea when Eurofins Lancaster Lab will be able to provide the additional info required for our review of modified Method 537?

Thanks.

Debbie

Debra Rossi
Remedial Project Manager
DE, VA, WV Remedial Branch (3HS23)
EPA Region 3
1650 Arch Street

Philadelphia, PA 19103
(215) 814-3228
rossi.debra@epa.gov

From: Rossi, Debra
Sent: Tuesday, October 30, 2018 9:07 AM
To: 'Miller, Theresa' <theresa_miller@golder.com>
Cc: Michele Ruth <mcrrai@gmail.com>; Susanna Mays <susanna@TrustSC.com>; Michael Sherrier
(michael.p.sherrier@dupont.com) <michael.p.sherrier@dupont.com>; Michael Harris <MHarris@nccde.org>
Subject: RE: Army Creek Landfill - modified Method 537 for PFAS analysis

Hello, Theresa.

EPA's chemist reviewing the information you provided at the beginning of the month will also require raw data such as instrument runs, calibrations, calibration preparation logs, DOC and MDL preparation logs, to complete his review.

EPA Method 537 Section 1.6 states "In all cases where method modifications are proposed, the analyst must perform the procedures outlined in the initial demonstration of capability (IDC, Sect. 9.2), verify that all Quality Control (QC) acceptance criteria in this method (Sect. 9) are met, and that acceptable method performance can be verified in a real sample matrix (Sect. 9.3.6)."

EPA Method 537 IDC Section 9.2 includes Section 9.2.4 "9.2.4 INITIAL DEMONSTRATION OF PEAK ASYMMETRY FACTOR – Peak asymmetry factors must be calculated using the equation in Section 9.3.9 for the first two eluting peaks (if only two analytes are being analyzed, both must be evaluated) in a mid-level CAL standard. The peak asymmetry factors **must** fall in the range of 0.8 to 1.5. See guidance in Section 10.2.4.1 if the calculated peak asymmetry factors do not meet the criteria."

Please provide this additional information so our chemist can continue his review.

Thank you.

Debbie

Debra Rossi
Remedial Project Manager
DE, VA, WV Remedial Branch (3HS23)
EPA Region 3
1650 Arch Street
Philadelphia, PA 19103
(215) 814-3228
rossi.debra@epa.gov

From: Miller, Theresa [mailto:theresa_miller@golder.com]
Sent: Monday, October 01, 2018 2:32 PM
To: Rossi, Debra <Rossi.Debra@epa.gov>
Cc: Michele Ruth <mcrrai@gmail.com>; Susanna Mays <susanna@TrustSC.com>; Michael Sherrier
(michael.p.sherrier@dupont.com) <michael.p.sherrier@dupont.com>; Michael Harris <MHarris@nccde.org>
Subject: RE: Army Creek Landfill - modified Method 537 for PFAS analysis

Hi Debbie,

As requested, attached are 8 documents (see list below) from Eurofins for the modified Method 537 for PFAS analysis. It is our understanding from Eurofins that the attachments cover everything EPA requested.

- 4 word docs for the MS/MSD data
- 1 PDF for IDOC
- 1 XLS for blank data
- 1 XLS for the MDL Studies
- 1 XLS for Precision and Accuracy

If you need anything else, please let us know.

Thanks, Theresa

Theresa A. Miller, PG, LSP | Golder Associates Inc.

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From: Rossi, Debra <Rossi.Debra@epa.gov>

Sent: Friday, July 06, 2018 10:23 AM

To: Michael Harris <MHarris@nccde.org>; Michael Sherrier (michael.p.sherrier@dupont.com)
<michael.p.sherrier@dupont.com>

Cc: Michele Ruth <mcrrai@gmail.com>; Susanna Mays <susanna@TrustSC.com>; Miller, Theresa
<theresa_miller@golder.com>

Subject: Army Creek Landfill - modified Method 537 for PFAS analysis

Mike and Mike,

If ACPS and NCC prefer to use modified EPA Method 537 for PFAS analysis in groundwater and leachate samples, Region 3's OASQA will conduct a review of Eurofins' validation data. Please provide all data from Eurofins' modifications including their IDC (initial demonstration of capability), MDL (method detection limit) study, and all quality acceptance criteria as detailed in Section 9 of the Method. This should include data from a clean laboratory sample and a lab prepared simulated real sample matrix similar to the groundwater and leachate to be collected from this site.

Thank you.

Debbie

Debra Rossi
Remedial Project Manager
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Philadelphia, PA 19103
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